

ORIGINAL



0000095138

March 27, 2009

Docket Control
Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

RE: 2008 Annual Renewable Energy Standard and Tariff Program Report
A.A.C. R14-2-1812; Docket No. E-01049A-07-0599.

Docket Control:

Enclosed please find an original and thirteen copies of Morenci Water and Electric's ("MWE") Renewable Energy Standard and Tariff Program report for the year ending 2008 pursuant to A.A.C. R14-2-1812.

If you have any questions regarding this filing, please contact me at (928.865.6971).

Sincerely,

Ruel A. Rogers

cc: Compliance, ACC
Mr. Ernest Johnson, Director, Utilities Division

Original and 13 copies filed with Docket
Control this 1st day of April, 2009.

Arizona Corporation Commission
DOCKETED

MAR 31 2009

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AZ CORP COMMISSION
DOCKET CONTROL

2009 MAR 31 P 12:02

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Morenci Water and Electric Company

Renewable Energy Standard and Tariff Compliance Report 2008 Compliance Year

March 2009

RENEWABLE ENERGY STANDARD AND TARIFF PROGRAM REPORT YEAR-END 2008

Introduction

Pursuant to Arizona Administrative Code ("A.C.C.") R14-2-1812, Morenci Water & Electric ("MWE") submits the MWE 2008 Renewable Energy Standard and Tariff Compliance Report. This report relates to the Morenci Water and Electric Company REST Plan which was approved by the Commission in Decision 70303 dated April 24, 2008.

Summary

The 2008 MWE REST plan was approved by Decision No. 70303 pursuant to A.C.C. R14-2-1813. For 2008, PD Morenci and PD Safford loads were not included in the calculation of the renewable load requirements as ordered by the Commission.

With the exclusion of PD Morenci and PD Safford, 2008 MWE retail sales were 29,025,141 kWh. This results in a renewable requirement of 507,940 kWh, of which 457,146 kWh is the grid-tied requirement and the remaining 50,794 kWh is the distributed requirement.

Surcharge dollars collected from retail tariffs are used to fund the procurement of renewable energy, incentive payments for customer installed projects, marketing, and administrative costs to administer the REST program. MWE collected \$40,261.34 in EPS and REST surcharges in 2008.

This report contains information as required by A.C.C. R14-2-1812.

The REST Plan

The 2008 REST plan consists of the following programs:

- Procure grid-tied requirements from New Mexico and Arizona wind resources.
- Offer incentives up to 60% of cost to customers who install qualified distributed energy projects.
- Consider establishing distributed renewable energy generation for MWE operations to meet distributed requirement.

MWE is faced with circumstances unique to MWE in meeting grid-tied and distributed REST requirements. The challenges in meeting its distributed requirement are well documented and will not be repeated here. MWE's customers that received an exemption from the 2008 REST requirement have a total of 251 distributed renewable energy installations with an installed capacity of 9.8 kW. These facilities produced 22,600 kWh of renewable energy during 2008. Because these customers we exempt from the REST calculations, MWE provides this data as information only.

MWE is a distribution only utility, and has no direct access to energy markets where renewable energy can be readily procured. There is no available transmission capacity on a year-around basis to MWE's system from markets where renewable energy is transacted and transmitted.

Because of the well documented challenges that MWE has in meeting its distributed requirement and the timeframe to install physical generation, MWE purchased bundled renewable energy from Phelps Dodge Energy Services ("PDES") for compliance year 2008.

Required Elements pursuant to A.A.C. R14-2-1812

1. Actual kWh of energy or equivalent obtained from Eligible Renewable Energy Resources:

Renewable Energy Source	kWh
Biomass Electricity Generator	507,940

2. The kWh of energy or equivalent obtained from Eligible Renewable Energy Resources normalized to reflect a full year's production:

Renewable Energy Source	kWh
Biomass Electricity Generator	507,940

3. The kW of generation capacity, disaggregated by technology type:

Renewable Energy Source	kW
Biomass Electricity Generator	10,000

4. Cost information regarding cents per actual kWh of energy obtained from Eligible Renewable Energy Resources and cents per kW of generating capacity, disaggregated by technology type:

Renewable Energy Source	Cents/kWh	Cents/kW
Biomass Electricity Generator	7.346	NA

5. A breakdown of the Renewable Energy Credits used to satisfy both the Annual Renewable Energy Requirement and the Distributed Renewable Energy Requirement and appropriate documentation of the Affected Utility's receipt of those Renewable Energy Credits: and

Annual Renewable Energy Requirement	RECs kWh
Biomass Electricity Generator	507,940

Attachment 1 is the Renewable Energy Credits Confirmation Statement from PDES confirming the purchase of the Renewable Energy Credits.

Attachment 2 lists the NERC Transmission tags that verify the physical energy from the grid-tied renewable resource was delivered to the MWE system.

6. A description of the Affected Utility's procedures for choosing Eligible Renewable Energy Resources and certification from an independent auditor that those procedures are fair and unbiased and have been appropriately applied.

As previously mentioned, MWE has no direct access to renewable energy markets. In addition, MWE has no expertise or contractual capability to transact in the wholesale renewable energy market. Because of these barriers, MWE contracted with Phelps Dodge Energy Services ("PDES") to procure its 2008 grid-tied renewable energy requirements.

Attachment 3 is the Morenci Water & Electric Eligible Renewable Energy Resources Selection Procedure for Compliance Year 2008.

Attachment 4 outlines the steps taken pursuant to the Morenci Water & Electric Eligible Renewable Energy Resources Selection Procedure in procuring MWE's grid-tied renewable energy.

Because PDES on behalf of MWE obtained only one eligible offer from the extensive list of entities solicited, an independent audit was not performed.

Planned Projects

MWE is currently preparing a solicitation for renewable projects that will satisfy its grid-tied renewable energy and distributed renewable energy requirements. Because it will take some time to award, install and interconnect physical systems, MWE anticipates that it will meet its 2009 grid-tied renewable energy requirement from its current renewable energy bank balance.

In addition, MWE will continue to aggressively market the distributed renewable energy program to its customers.

Attachment 1

Renewable Energy Credits Confirmation
Statement

**Phelps Dodge Energy Services, LLC
Confirmation Statement**

This statement confirms the agreement made between Phelps Dodge Energy Services, LLC ("PDES") and Morenci Water & Electric District ("MW&E") regarding the sale of the renewable energy product listed below. This transaction shall be governed by the market based rates authorized by FERC under the FERC Electric Tariff First Revised Volume No. 1 effective June 6, 2003.

Trade Date:	November 12, 2008
Buyer:	Morenci Water & Electric District
Seller:	Phelps Dodge Energy Services, LLC
Term:	November 13, 2008 through November 20, 2008 and November 23, 2008
Deal ID:	2008M11M01
Point of Delivery:	Copper Verde 230
Product:	Arizona Corporation Commission REST compliant renewable energy generated by the El Nido biomass power facility in Fresno, California. Delivery schedule is 8 MW/hour, 7 days/week, 24 hours/day contingent on the energy output of the El Nido facility.
Price:	NP15 day-ahead on-peak and off-peak ICE index plus California ISO export fee, plus all transmission costs to Copper Verde 230 kV substation, plus \$24/MWh for renewable premium.
Scheduling:	Scheduling under this agreement will be confirmed with Tucson Electric Power in accordance with Western Electricity Coordinating Council ("WECC") guidelines.
Other Provisions:	On-Peak hours are defined as hour ending 0700-2200 Pacific Prevailing Time ("PPT") Monday through Saturday excluding NERC holidays. All remaining hours are Off-Peak.

Please confirm the terms to this document are accurate by executing a copy of this letter.

The terms and conditions to this Confirmation Statement are deemed acceptable by MW&E unless MW&E objects to them within two business days of receipt of this statement.

Approved (PDES)

By: *Michael D. McLaughlin*

Title: *VP*

Date: *12/17/08*

Approved (MW&E)

By: *Raul Rogers*

Title: *Superintendent*

Date: *12.12.08*

Attachment 2

NERC Transmission Tags

CISO_TPEMKT0066959_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TPEMKT	0066959	TEPC

Start Date: 11/13/2008 07:00

Stop Date: 11/13/2008 23:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TPEMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TPEMKT (PSE)	11/12/2008 13:58	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TPEMKT	L		

Physical Path							
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15	ELNIDP6810MAS			
	CISO	TPES01	NP15	SP15	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PAI OVERDLS00	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	AZPS	TPEMKT	PAI OVERDLS00	WESTWING500	SRP		
	AZPS	TPEMKT	WESTWING500	WESTWING500	AZPS		
	TEPC	TPEMKT	WESTWING500	GREENLEE345	TEPC		
TEPC		TPEMKT	SYSTEM-TEP				

Energy and Transmission Profiles MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/13/2008	07:00	23:00	10	10	10	10	10	10	10
Display MWH Total:			160	160	160	160	160	160	160
Original Tag MWH Total:			160						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			AZPS			AZPS		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72653050	MW	Trans	72653050	MW
11/13/2008	07:00	23:00	10	10	10	10	10	10	10	10	10
Display MWH Total:			160	160	160	160	160	160	160	160	160

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72653347	MW	Start	Stop
11/13/2008	07:00	23:00	10	10	10		
Display MWH Total:			160	160	160		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
AZPS(1)	TEPMKT	7-F	72653050
AZPS(2)	TEPMKT	7-F	72653050
TEPC	TEPMKT	6-NN	72653347

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TPEMKT0066960_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TPEMKT	0066960	TEPC

Start Date: 11/13/2008 01:00

Stop Date: 11/14/2008 01:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TPEMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TPEMKT (PSE)	11/12/2008 14:07	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TPEMKT	L		

Physical Path															
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)								
CISO		VSYSN1	NP15_ELNIDP6BIOMAS												
	CISO	TPES01	NP15	SP15	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RED_ID</td><td>TPES_VSYSN1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RED_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RED_ID	TPES_VSYSN1_TEP														
	CISO	TPES01	SP15	PVWEST	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RES_ID</td><td>TPES_VSYSN1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYSN1_TEP														
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RES_ID</td><td>TPES_VSYSN1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYSN1_TEP														
	EPE	TEPMKT	PALOVERDE500	WESTWING500	SRP										
	TEPC	TEPMKT	WESTWING500	WESTWING500	AZPS										
	TEPC	TEPMKT	WESTWING500	GREENLEE345	TEPC										
TEPC		TEPMKT	SYSTEM-TEP												

Energy and Transmission Profiles									
MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/13/2008	01:00	07:00	10	10	10	10	10	10	10
11/13/2008	23:00	00:00	10	10	10	10	10	10	10
11/14/2008	00:00	01:00	10	10	10	10	10	10	10
Display MWH Total:			80	80	80	80	80	80	80
Original Tag MWH Total:			80						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72653348	MW	Trans	WWATBTET	MW
11/13/2008	01:00	07:00	10	10	10	10	10	10	10	10	10
11/13/2008	23:00	00:00	10	10	10	10	10	10	10	10	10
11/14/2008	00:00	01:00	10	10	10	10	10	10	10	10	10
Display MWH Total:			80	80	80	80	80	80	80	80	80

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72653347	MW	Start	Stop
11/13/2008	01:00	07:00	10	10	10		
11/13/2008	23:00	00:00	10	10	10		
11/14/2008	00:00	01:00	10	10	10		
Display MWH Total:			80	80	80		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TEPMKT	2-NH	72653348
TEPC(1)	TEPMKT	7-F	WWATBTET
TEPC(2)	TEPMKT	7-FN	72653347

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TEPMKT0066986_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0066986	TEPC

Start Date: 11/14/2008 07:00

Stop Date: 11/14/2008 14:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TEPMKT (PSE)	11/13/2008 09:44	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TEPMKT	L		

Physical Path															
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)								
CISO		VSYNS1	NP15_ELNIDP6BIOMAS												
	CISO	TPES01	NP15	SP15	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RED_ID</td><td>TPES_VSYNS1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RED_ID	TPES_VSYNS1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RED_ID	TPES_VSYNS1_TEP														
	CISO	TPES01	SP15	PVWEST	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RES_ID</td><td>TPES_VSYNS1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYNS1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYNS1_TEP														
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		<table><tr><td>CAISO_SCID</td><td>TPES</td></tr><tr><td>CAISO_CONTRACT</td><td>NFU</td></tr><tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr><tr><td>CAISO_RES_ID</td><td>TPES_VSYNS1_TEP</td></tr></table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYNS1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYNS1_TEP														
	EPE	TEPMKT	PALOVERDE500	WESTWING500	SRP										
	AZPS	TEPMKT	WESTWING500	WESTWING500	AZPS										
	AZPS	TEPMKT	WESTWING500	SAGUARO500	AZPS										
TEPC		TEPMKT	SYSTEM-TEP												

Energy and Transmission Profiles									
MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/14/2008	07:00	14:00	8	8	8	8	8	8	8
Display MWH Total:			56	56	56	56	56	56	56
Original Tag MWH Total:			56						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			AZPS		
			Trans	TPES_VSYNSI_TEP	MW	Trans	72655004	MW	Trans	72655062	MW
11/14/2008	07:00	14:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			56	56	56	56	56	56	56	56	56

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	AZPS			Ramp Dur.	
			Trans	72655062	MW	Start	Stop
11/14/2008	07:00	14:00	8	8	8		
Display MWH Total:			56	56	56		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNSI_TEP
CISO(2)	TPES01	7-F	TPES_VSYNSI_TEP
CISO(3)	TPES01	7-F	TPES_VSYNSI_TEP
EPE	TEPMKT	2-NH	72655004
AZPS(1)	TEPMKT	7-F	72655062
AZPS(2)	TEPMKT	7-F	72655062

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TEPMKT0066987_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0066987	TEPC

Start Date: 11/14/2008 01:00

Stop Date: 11/16/2008 01:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	1	Adjustment	TEPMKT (PSE)	11/15/2008 21:30	APPROVED
	0	Creation	TEPMKT (PSE)	11/13/2008 09:49	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPTD			
TEPMKT	L		

Physical Path							
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15 FENIDP6BIOMAS				
	CISO	TPES01	NP15	SP15	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	EPE	TEPMKT	PALOVERDE500	WESTWING500	SRP		
	TEPC	TEPMKT	WESTWING500	WESTWING500	AZPS		
	TEPC	TEPMKT	WESTWING500	GREENLEE345	TEPC		
TEPC		TEPMKT	SYSTEM-TEP				

Energy and Transmission Profiles MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW
11/14/2008	01:00	07:00	8	8	8	8	8	8	8
11/14/2008	14:00	00:00	8	8	8	8	8	8	8

11/15/2008	00:00	00:00	8	8	8	8	8	8	8
11/16/2008	00:00	01:00	0		0	0		0	0
Display MWH Total:			320	320	320	320	320	320	320
Original Tag MWH Total:			328						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72655004	MW	Trans	WWATBTEP	MW
11/14/2008	01:00	07:00	8	8	8	8	8	8	8	8	8
11/14/2008	14:00	00:00	8	8	8	8	8	8	8	8	8
11/15/2008	00:00	00:00	8	8	8	8	8	8	8	8	8
11/16/2008	00:00	01:00		0	0		0	0		0	0
Display MWH Total:			320	320	320	320	320	320	320	320	320

Energy and Transmission Profiles MW (out of)								
Date	Start	Stop	TEPC			Ramp Dur.		
			Trans	72655014	MW	Start	Stop	
11/14/2008	01:00	07:00	8	8	8			
11/14/2008	14:00	00:00	8	8	8			
11/15/2008	00:00	00:00	8	8	8			
11/16/2008	00:00	01:00		0	0			
Display MWH Total:			320	320	320			

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TEPMKT	2-NH	72655004
TEPC(1)	TEPMKT	7-F	WWATBTEP
TEPC(2)	TEPMKT	7-FN	72655014

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TEPMKT0067103_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0067103	TEPC

Start Date: 11/16/2008 01:00

Stop Date: 11/18/2008 01:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	1	Adjustment	TEPMKT (PSE)	11/16/2008 01:38	APPROVED
	0	Creation	TEPMKT (PSE)	11/14/2008 09:34	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TEPMKT	L		

Physical Path							
CA	IP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15 E1NDP6BIOMAS				
	CISO	TPES01	NP15	SP15	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	TEPC	TEPMKT	PALOVERDE500	WESTWING500	SRP		
	TEPC	TEPMKT	WESTWING500	WESTWING500	AZPS		
	TEPC	TEPMKT	WESTWING500	GREENLETT345	TEPC		
TEPC		TEPMKT	SYSTEM-TEP				

Energy and Transmission Profiles MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW
11/16/2008	01:00	04:00	8	8	8	8	8	8	8
11/16/2008	04:00	07:00	0		0	0		0	0

11/16/2008	07:00	00:00	8	8	8	8	8	8	8
11/17/2008	00:00	00:00	8	8	8	8	8	8	8
11/18/2008	00:00	01:00	8	8	8	8	8	8	8
Display MWH Total:			360	360	360	360	360	360	360
Original Tag MWH Total:			384						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNSI_TEP	MW	Trans	72657906	MW	Trans	WWATBTPE	MW
11/16/2008	01:00	04:00	8	8	8	8	8	8	8	8	8
11/16/2008	04:00	07:00		0	0		0	0		0	0
11/16/2008	07:00	00:00	8	8	8	8	8	8	8	8	8
11/17/2008	00:00	00:00	8	8	8	8	8	8	8	8	8
11/18/2008	00:00	01:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			360	360	360	360	360	360	360	360	360

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72657912	MW	Start	Stop
11/16/2008	01:00	04:00	8	8	8		
11/16/2008	04:00	07:00		0	0		
11/16/2008	07:00	00:00	8	8	8		
11/17/2008	00:00	00:00	8	8	8		
11/18/2008	00:00	01:00	8	8	8		
Display MWH Total:			360	360	360		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNSI_TEP
CISO(2)	TPES01	7-F	TPES_VSYNSI_TEP
CISO(3)	TPES01	7-F	TPES_VSYNSI_TEP
EPE	TEPMKT	2-NH	72657906
TEPC(1)	TEPMKT	7-F	WWATBTPE
TEPC(2)	TEPMKT	7-FN	72657912

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

CISO_TPEMKT0067356_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TPEMKT	0067356	TEPC

Start Date: 11/18/2008 01:00

Stop Date: 11/19/2008 01:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TPEMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TPEMKT (PSE)	11/17/2008 10:48	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPTD			
TEPMKT	L		

Physical Path							
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15	ELNEDP6BIOMAS			
	CISO	TPES01	NP15	SP15	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	TEPC	TEPMKT	PALOVERDE500	WESTWING500	SRP		
	TEPC	TEPMKT	WESTWING500	WESTWING500	NZPS		
	TEPC	TEPMKT	WESTWING500	GREENHILL345	TEPC		
TEPC		TEPMKT	SYSTEM TEP				

Energy and Transmission Profiles MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/18/2008	01:00	00:00	8	8	8	8	8	8	8
11/19/2008	00:00	01:00	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192
Original Tag MWH Total:			192						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72664299	MW	Trans	WWATBTPE	MW
11/18/2008	01:00	00:00	8	8	8	8	8	8	8	8	8
11/19/2008	00:00	01:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192	192	192

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72664112	MW	Start	Stop
11/18/2008	01:00	00:00	8	8	8		
11/19/2008	00:00	01:00	8	8	8		
Display MWH Total:			192	192	192		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TPEMKT	2-NH	72664299
TEPC(1)	TPEMKT	7-F	WWATBTPE
TEPC(2)	TPEMKT	7-FN	72664112

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TPEMKT0067461_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0067461	TEPC

Start Date: 11/19/2008 01:00
Stop Date: 11/20/2008 01:00
Time Zone: MS
Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
Req	Type	Author	Time	Status	
>>	Current Tag				
0	Creation	TEPMKT (PSE)	11/18/2008 09:50	APPROVED	

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TEPMKT	L		

Physical Path															
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)								
CISO		VSYSN1	NP15_ELNIDP6BIOMAS												
	CISO	TPES01	NP15	SP15	CISO		<table border="1"> <tr><td>CAISO_SCID</td><td>TPES</td></tr> <tr><td>CAISO_CONTRACT</td><td>NFU</td></tr> <tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr> <tr><td>CAISO_RED_ID</td><td>TPES_VSYSN1_TEP</td></tr> </table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RED_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RED_ID	TPES_VSYSN1_TEP														
	CISO	TPES01	SP15	PVWEST	CISO		<table border="1"> <tr><td>CAISO_SCID</td><td>TPES</td></tr> <tr><td>CAISO_CONTRACT</td><td>NFU</td></tr> <tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr> <tr><td>CAISO_RES_ID</td><td>TPES_VSYSN1_TEP</td></tr> </table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYSN1_TEP														
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		<table border="1"> <tr><td>CAISO_SCID</td><td>TPES</td></tr> <tr><td>CAISO_CONTRACT</td><td>NFU</td></tr> <tr><td>CAISO_PRODUCT</td><td>NFRM</td></tr> <tr><td>CAISO_RES_ID</td><td>TPES_VSYSN1_TEP</td></tr> </table>	CAISO_SCID	TPES	CAISO_CONTRACT	NFU	CAISO_PRODUCT	NFRM	CAISO_RES_ID	TPES_VSYSN1_TEP
CAISO_SCID	TPES														
CAISO_CONTRACT	NFU														
CAISO_PRODUCT	NFRM														
CAISO_RES_ID	TPES_VSYSN1_TEP														
	EPE	TEPMKT	PALOVERDE500	WESTWING500	SRP										
	TEPC	TEPMKT	WESTWING500	WESTWING500	AZPS										
	TEPC	TEPMKT	WESTWING500	GREENLEE345	TEPC										
TEPC		TEPMKT	SYSTEM-TEP												

Energy and Transmission Profiles									
MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/19/2008	01:00	00:00	8	8	8	8	8	8	8
11/20/2008	00:00	01:00	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192
Original Tag MWH Total:			192						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72666919	MW	Trans	WWATBTPE	MW
11/19/2008	01:00	00:00	8	8	8	8	8	8	8	8	8
11/20/2008	00:00	01:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192	192	192

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72666949	MW	Start	Stop
11/19/2008	01:00	00:00	8	8	8		
11/20/2008	00:00	01:00	8	8	8		
Display MWH Total:			192	192	192		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TPEMKT	2-NH	72666919
TEPC(1)	TPEMKT	7-F	WWATBTPE
TEPC(2)	TPEMKT	3-ND	72666949

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

CISO_TEPMKT0067529_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0067529	TEPC

Start Date: 11/20/2008 01:00
 Stop Date: 11/21/2008 01:00
 Time Zone: MS
 Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	jbarton
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TEPMKT (PSE)	11/19/2008 10:45	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TEPMKT	L		

Physical Path							
CA	IP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15	FINIDP6BIOMAS			
	CISO	TPES01	NP15	SP15	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PALONT RDE 500	CISO		CAISO_SCID TPES CAISO_CONTRACT NFU CAISO_PRODUCT NFRM CAISO_RES_ID TPES_VSYSN1_TEP
	TEPC	TEPMKT	PALONT RDE 500	WESTWING 500	SRP		
	TEPC	TEPMKT	WESTWING 500	WESTWING 500	AZPS		
	TEPC	TEPMKT	WESTWING 500	GREENLEE 345	TEPC		
TEPC		TEPMKT	SYSTEM TEP				

Energy and Transmission Profiles MW (out of)									
Date	Start	Stop	Gen	CISO			CISO		
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW

11/20/2008	01:00	00:00	8	8	8	8	8	8	8
11/21/2008	00:00	01:00	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192
Original Tag MWH Total:			192						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72669436	MW	Trans	WWATBTPE	MW
11/20/2008	01:00	00:00	8	8	8	8	8	8	8	8	8
11/21/2008	00:00	01:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192	192	192

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72669810	MW	Start	Stop
11/20/2008	01:00	00:00	8	8	8		
11/21/2008	00:00	01:00	8	8	8		
Display MWH Total:			192	192	192		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TEPMKT	2-NH	72669436
TEPC(1)	TEPMKT	7-F	WWATBTPE
TEPC(2)	TEPMKT	2-NH	72669810

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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CISO_TEPMKT0067722_TEP

Tag Information			
GCA	PSE	Tag Code	LCA
CISO	TEPMKT	0067722	TEPC

Start Date: 11/23/2008 01:00

Stop Date: 11/24/2008 01:00

Time Zone: MS

Transaction Type: Normal

Contact Information	
PSE Code	TEPMKT
PSE Contact	lwaters
PSE Phone	(520)745-3249
PSE Fax	(520)571-4065
Gen Contact	CISO Scheduling
Gen Phone	(916)351-2495
Gen Fax	(916)351-2337
Load Contact	Generation Supervisor
Load Phone	(520)748-7550
Load Fax	(520)571-4066
Comment	3PR-PDES

WECC Reserve Sharing	
CISO (BA)	100%

Requests					
	Req	Type	Author	Time	Status
>>		Current Tag			
	0	Creation	TEPMKT (PSE)	11/21/2008 13:29	APPROVED

Market Path			
PSE	Product	Contract	Misc(Token/Value)
VSYSN1	G-FC		
TPES01			
TEPMPD			
TEPMKT	L		

Physical Path							
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
CISO		VSYSN1	NP15 FLINDRPHBIOMAS				
	CISO	TPES01	NP15	SP15	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	SP15	PVWEST	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	CISO	TPES01	PVWEST	PALOVERDE500	CISO		CAISO SCID TPES CAISO CONTRACT NFU CAISO PRODUCT NFRM CAISO RES ID TPES_VSYSN1_TEP
	TEPC	TEPMKT	PALOVERDE500	WESTWING500	SRP		
	TEPC	TEPMKT	WESTWING500	WESTWING500	AZPS		
	TEPC	TEPMKT	WESTWING500	GREENLE1345	TEPC		
TEPC		TEPMKT	SYSTEMTEP				

Energy and Transmission Profiles MW (out of)										
Date	Start	Stop	Gen	CISO			CISO			
			MW	Trans	TPES_VSYSN1_TEP	MW	Trans	TPES_VSYSN1_TEP	MW	

11/23/2008	01:00	00:00	8	8	8	8	8	8	8
11/24/2008	00:00	01:00	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192
Original Tag MWH Total:			192						

Energy and Transmission Profiles MW (out of)											
Date	Start	Stop	CISO			EPE			TEPC		
			Trans	TPES_VSYNS1_TEP	MW	Trans	72674601	MW	Trans	WWATBTPE	MW
11/23/2008	01:00	00:00	8	8	8	8	8	8	8	8	8
11/24/2008	00:00	01:00	8	8	8	8	8	8	8	8	8
Display MWH Total:			192	192	192	192	192	192	192	192	192

Energy and Transmission Profiles MW (out of)							
Date	Start	Stop	TEPC			Ramp Dur.	
			Trans	72675879	MW	Start	Stop
11/23/2008	01:00	00:00	8	8	8		
11/24/2008	00:00	01:00	8	8	8		
Display MWH Total:			192	192	192		

Transmission Allocation			
TP	Owner	Product	OASIS
CISO(1)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(2)	TPES01	7-F	TPES_VSYNS1_TEP
CISO(3)	TPES01	7-F	TPES_VSYNS1_TEP
EPE	TEPMKT	2-NH	72674601
TEPC(1)	TEPMKT	7-F	WWATBTPE
TEPC(2)	TEPMKT	2-NH	72675879

Loss Accounting					
TP	Start Time	Stop Time	Type	Contract Number	TagID
No loss accounting data exists for this tag.					

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Attachment 3

Morenci Water & Electric Eligible Renewable Energy Resources Selection Procedure for Compliance Year 2008

Morenci Water & Electric Eligible Renewable Energy Resources Selection Procedure for Compliance Year 2008

Background: Under Arizona Administrative Code R14-2-1812, the Arizona Corporation Commission ("ACC") requires Morenci Water & Electric ("MWE") to create and follow a formal procedure in selecting Eligible Renewable Energy Resources. In addition, these procedures must be certified by an independent auditor that the procedures are fair, unbiased, and are appropriately applied.

MWE is a distribution utility that does not own any transmission and has no access to any renewable energy market. MWE does not have the in-house expertise to procure renewable energy given the complexities of wholesale energy contracting and transmission issues pertaining to renewable energy procurement. For the 2008 compliance year, MWE will contract with an wholesale entity to procure its renewable energy requirements.

Procedure:

- 1) Obtain ACC approval of the 2008 Renewable Energy Standard Implementation Plan. Provide this Implementation Plan.
- 2) Contract with an entity that is qualified to procure renewable energy for the sole purpose of procuring MWE's renewable energy requirements.
- 3) Qualified Renewable Resource Market Price discovery
 - a. Contractor will contact a minimum of two renewable energy brokers who do business in the WECC to get the current markets (premiums) on REST qualified renewable energy resources.
- 4) Qualified Renewable Resource availability
 - a. Contractor will contact a minimum of two renewable energy brokers who do business in the WECC to get the current availability of REST qualified renewable energy resources for the time period required.
 - b. Contractor will contact renewable energy resource owners who have assets in Arizona and the WECC to get the availability and price of their assets.
 - c. Contractor will contact other ACC jurisdictional utilities to get the current availability of excess RECs that they may have and discover if there is any interest in selling said RECs.
- 5) Contractor will apply all respondents to the MWE REST selection matrix for scoring.
 - a. Any questionable responses on the eligibility portion of the selection matrix should be reviewed with MWE and the ACC staff prior to negotiations.
- 6) Contractor will negotiate and execute contracts on behalf of MWE with respondents according to the results of the selection matrix.
- 7) Contractor will provide MWE will renewable energy transaction information required for ACC compliance filing in accordance with R14-2-1812.

REST Selection Matrix

Compliance Year	2008	AIC/MWE	
Utility		UUU.YYYY.#	
Solicitation			
Eligibility Matrix			
Pursuant to approved Implementation Plan			
in Decision	70304		
Selection Matrix			
Entity			
Entity Type			
Resource Name			
Resource Technology			
Resource Installation Date			
Resource Location			
Transmission Interconnection			
Renewable Energy MWh			
Green Premium			
Physical Energy Agreement			
REC Agreement			
Transmission Required to AIC			
Number of Wheels			
Transmission Firmness			
Transmission Cost			
Physical Energy Cost			

Score	
Scoring Methodology	

A	1=Elegible resource, 0=otherwise
B	1=Installation Date after 1/1/1997, 0=otherwise
C	3=Arizona, 2=WECC x/California, 1=California
D	5=0 to 5, 4=6 to 10, 3=11 to 15, 2=16 to 20, 1=21 to 25
E	3=WSPP, 2=EEI, 1=Bi-Lateral
F	2=Firm, 1=Non-Firm
G	5=No, 0=Yes
H	3=0, 2=1, 1=2, 0=3 or more
I	3=Term Firm, 1=Daily Firm, 0=Non-Firm
J	5= 0, 4= 1 to 5, 2= 6 to 10, 0= >10
K	5= <0, 4=0 to 2, 2= 3 to 5, 0=>5
	A * B * (C + D + E + F + G + H + I + J + K)

0	
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A minimum score of 4 is required to enter into contract negotiations
A score of 11 or higher is desired for an acceptable probability of delivery

Signature: _____

Date: _____

Attachment 4

Morenci Water & Electric Eligible Renewable Energy Resources Compliance Year 2008 Purchase Documentation

Morenci Water & Electric Eligible Renewable Energy Resources Compliance Year 2008 Purchase Documentation

Background: Under Arizona Administrative Code R14-2-1812, the Arizona Corporation Commission ("ACC") requires Morenci Water & Electric ("MWE") to create and follow a formal procedure in selecting Eligible Renewable Energy Resources. In addition, these procedures must be certified by an independent auditor that the procedures are fair, unbiased, and are appropriately applied.

MWE is a distribution utility that does not own any transmission and has no access to the renewable energy market. MWE does not have the in-house expertise to procure renewable energy given the complexities of wholesale energy contracting and transmission issues pertaining to renewable energy procurement. For the 2008 compliance year, MWE will contract with an wholesale entity to procure its renewable energy requirements.

MWE has contracted with Phelps Dodge Energy Services, LLC ("PDES") to purchase its renewable energy requirements from the wholesale market and simultaneously sell this renewable energy to MWE. PDES is an affiliate company under Freeport-McMoRan Copper & Gold. PDES is an Exempt Wholesale Generator ("EWG") has been granted authority to sell energy and capacity at market-based rates, including to its affiliates. This document has been created to outline the procurement steps taken to show that the procedure was fair and un-biased and appropriately applied pursuant to Arizona Administrative Code R14-2-1812.

MWE provided PDES with a copy of the MWE Renewable Energy Procurement Procedures.

Procedure followed:

- 1) Obtain ACC approval of the 2008 Renewable Energy Standard Implementation Plan. Provide this Implementation Plan.
 - a. MWE Obtained ACC approval of the 2008 Renewable Energy Standard Implementation Plan in Decision 70303, docketed on April 24, 2008.
- 2) Contract with an entity that is qualified to procure renewable energy for the sole purpose of procuring MWE's renewable energy requirements.
 - a. MWE contracted with PDES to procure MWE's 2008 renewable energy requirements.
- 3) Qualified Renewable Resource Market Price discovery
 - a. During the week of August 18, 2008 PDES contacted the following renewable energy brokers who do business in the WECC to get the current markets (premiums) on REST qualified renewable energy resources.
 - i. Clear Energy Brokerage 1-347-295-0880
 - ii. 3Phases Renewables 1-310-798-5275
 - iii. Evolution markets 1-415-963-9120Information from all three entities were that the only REST qualified renewable resources not fully subscribed for 2008 compliance period were in

California, Texas, or the Northwest. The current market in California was \$20-\$25/MWh for the renewable premium. The premiums in Texas were significantly less (due to wind as the primary renewable technology, and the lack of transmission to other markets).

- 4) Qualified Renewable Resource availability
- a. During the week of August 18, 2008, PDES contacted the following renewable energy brokers who do business in the WECC to get the market for renewable energy resource availability.
 - i. Clear Energy Brokerage 1-347-295-0880
 - ii. 3Phases Renewables 1-310-798-5275
 - iii. Evolution markets 1-415-963-9120

Clear Energy Brokerage did not list any projects with available energy. 3Phases Renewables did know of a California Entity that had excess renewable energy but had not ability to export that renewable energy to Arizona. Evolution Markets did not list any projects, but promised to survey the WECC market and get back to PDES.

- b. Contact renewable energy resource owners who have assets in Arizona and the WECC to get the availability and price of their assets.
 - i. PDES contacted the following renewable resource owners to inquire on resource availability for the compliance period.
 - 1. Calpine Corporation
 - 2. PacifiCorp
 - 3. FPL
 - 4. Sierra Pacific Resources
 - 5. New Mexico Wind Resources

Calpine indicated that they could probably source PDES' requirements but would have to get back to us. Calpine did not have any renewable energy available from its own portfolio, but said it would be willing to purchase from a third party and resell to PDES.

PacifiCorp had available renewable resources in the Northwest but would only schedule (NERC physical energy tagging) energy out of PacifiCorp's control area as system energy and this standard energy scheduling methodology does not meet REST requirements.

FPL's wind and geothermal resources in the WECC were fully prescribed for the compliance period. FPL informed PDES that they have wind resources available in Texas but because there is no transmission available, those resources are not an option.

Sierra Pacific Resources biomass facilities were fully prescribed for 2008.

PDES also contacted the four Utility scale wind projects in New Mexico, Arragone, Caprock, San Juan Mesa, and New Mexico Wind Energy Center. All four have fully prescribed long-term purchase power agreements for the output from three different utilities.

Although two of the utilities have excess RECs in their inventory, they have chosen not to sell them into the market, but to hold them for future compliance.

Contractor will contact other ACC jurisdictional utilities to get the current availability of excess RECs that they may have and discover if there is any interest in selling said RECs.

- ii. During the week of August 25, 2008, PDES contacted the following ACC jurisdictional and non-jurisdictional utilities to inquire about any excess RECs or renewable energy they may have.
 - 1. APS
 - 2. TEP
 - 3. SRP
 - 4. PNM

APS has excess inventory for the compliance period, however, APS does not plan on selling any of their inventory.

TEP does not have adequate renewable energy to meet its compliance.

SRP has some renewable energy that is REST compliant, however, SRP does not plan on selling any of its excess inventory.

PNM has excess REST compliant renewable energy however, PNM does not plan on selling any of its excess inventory.

PDES contacted the staff at the ACC (Ray Williamson) to discuss the PacifiCorp renewable energy product, and if the ACC would accept the energy as REST compliance. PDES explained to the ACC how physical energy is scheduled by a balancing authority that has network transmission rights. The staff informed PDES that a transaction with this delivery structure was troublesome, unless the selling entity, PacifiCorp, showed transmission schedules from the resource to MWE load.

During the two weeks that followed PDES had the renewable energy brokers continue to look for qualified renewable energy.

On September 24, 2008, Calpine Corporation informed PDES that they found REST compliant renewable energy, but it was in the California ISO and this energy would have to be exported from the California ISO and wheeled to MWE. PDES immediately began contacting the entities required to move renewable energy from Northern California to Southeastern Arizona. Without getting into excruciating detail, PDES had amassed 10 entities to purchase, sell, schedule, and transport this power. Two entities that were matched up in the middle of this long chain could not deal with each other because of credit issues and the entire deal fell apart.

On October 24, 2008 3Phases Renewables informed PDES that they had 10 MW available for approximately 10 days in November that could be exported to Arizona.

- 5) Apply all respondents to the MWE REST selection matrix for scoring.
 - a. Any questionable responses on the eligibility portion of the selection matrix should be reviewed with the ACC staff prior to negotiations.

PDES immediately vetted the renewable source from 3Phases Renewables as to meeting the REST requirements by applying the renewable energy resource against the MWE REST selection matrix. This resource passed the metrics required, no other available resources were discovered through the solicitation process, and because of the short time window that this resource was available, PDES entered into talks with this resource.

- 6) Negotiate contracts with respondents according to the results of the selection matrix.

PDES entered into a contract with 3Phases Renewables for approximately 1,700 MWh of unit contingent output across the 10 days that the renewable resource was available. PDES entered into a contract with MWE to simultaneously sell this renewable energy to MWE.

- 7) Contractor will provide MWE will renewable energy transaction information required for ACC compliance filing in accordance with R14-2-1812.
 - a. PDES will provide as available the transaction information required so that MWE will comply with all regulatory filings when available.

MWE REST Selection Matrix

Compliance Year	2008			
Utility	MWE			
Solicitation	MWE.2008.1			
Eligibility Matrix				
Pursuant to approved Implementation Plan in Decision	70304			
Selection Matrix				
Entity				
Entity Type	3Phases Renewables			
Resource Name	Broker/Dealer			
Resource Technology	El Nido		Score	
Resource Installation Date WREGIS database WREGIS GU ID = W807	Biomass	R14-2-1802 A.	1	A 1=Eligible resource, 0=otherwise
Resource Location	9/30/2007	R14-2-1802 C.	1	B 1=Installation Date after 1/1/1997, 0=otherwise
Transmission Interconnection	California		1	C 3=Arizona, 2=WECC x/California, 1=California
Renewable Energy MWh	ISO - NP15			
Green Premium	2,000			
Physical Energy Agreement	24		1	D 5=0 to 5, 4=6 to 10, 3=11 to 15, 2=16 to 20, 1=21 to 25
REC Agreement	WSPP		3	E 3=WSPP, 2=EEL, 1=Bi-Lateral
Transmission Required to AIC	Schedule B		1	F 2=Firm, 1=Non-Firm
Number of Wheels	Yes		0	G 5=No, 0=Yes
Transmission Firmness	3		0	H 3=0, 2=1, 1=2, 0=3 or more
Transmission Cost	Daily Firm		1	I 3=Term Firm, 1=Daily Firm, 0=Non-Firm
Physical Energy Cost	ISO after the fact		0	J 5=0, 4=1 to 5, 2=6 to 10, 0=>10
	NP15 Day-Ahead Index		0	K 5=<0, 4=0 to 2, 2=3 to 5, 0=>5
			7	A * B * (C + D + E + F + G + H + I + J + K)